Executive Engineer,
Yelahanka Division,
Bruhat Bengaluru Mahanagara Palike

Quality Control Reports

(FIRST and PART)

Name of the Package:

Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)

AGENCY: Sri. Srinivasa Reddy H

Estimate Cost: 1000.00 Lakhs

Project Management Consultants:
SAPIENCE CONSULTANTS AND ENGINEERS, BANGALORE.
#B9-003, GANGA, Jnanabharathi Enclave, Valagerahalli, Mysore Road Bangalore 560056
Ph: 080-29523634; E-Mail: SAPIENCEBANGALORE@GMAIL.COM

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PRECAST SLAB 100mm Thick(CORE) TEST REPORT

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client	Asst Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
type of Samples	100mm Pre-Cast Slab Cores (50mm dia)
Test Method	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Core	M - 20
Date of Testing	05.03.2022

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50	80.00	0.377	2400.06	1.60	0.957	32.58	16.59	17.92	17.15	21.43
2	50	85.00	0.368	2204.95	1.70	0.968	32.03	16.31	17.62	17.05	21.31
3	50	80.00	0.366	2330.03	1.60	0.957	32.73	16.67	18.00	17.23	21.53

For Sapience Consultants and Engineers,

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PRECAST SLAB 250mm Thick(CORE) TEST REPORT

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
type of Samples	250mm Pre-Cast Slab Cores (50mm dia)
Test Method	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Core	M - 20
Date of Testing	05.02.2022

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50	80.00	0.368	2342.76	1.60	0.957	32.01	16.30	17.61	16.85	21.06
2	50	85.00	0.378	2264.87	1.70	0.968	32.31	16.46	17.77	17.20	21.49
3	50	80.00	0.370	2355.49	1.60	0.957	32.90	16.76	18.10	17.31	21.64

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Test Report on Fine Aggregates (Sand)

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client Asst	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy H, Banglalore
Material	Sand
Test Method	IS 383-1970 (RA- 2002)
Sampel Supplied By	Sample collected at site from PMC Agency
Date of Testing	16.02 2022

Total weight of Aggregates in gms: 1000

Is Sieve Size in mm	Weight Retained on Sieve (gm)	Percentage of Weight Retained (%)	Percentage of Weight Passing (%)	Cumulative Percentage Passing (%)	Spec Limits For Zone-II
10.00	0	0	0	100	100.00
4.75	77.6	7.76	7.76	92.24	90-100
2.36	31.6	3.16	10.92	89.08	75-100
1.18	267.1	26.71	37.63	62.37	55-90
600 Micron	207.3	20.73	58.36	41.64	35-59

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Test Report on Aggregates

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client Asst	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy H, Banglalore
Material	40mm Aggregates
Test Method	IS 383-1970 (RA- 2002)
Sampel Supplied By	Sample collected at site from PMC Agency
Date of Testing	16.02.2022

Total weight of Aggregates in gms: 5000

Is Sieve Size in mm	Weight Retained on Sieve (gm)	Percentage of Weight Retained (%)	Percentage of Weight Passing (%)	Cumulative Percentage Passing (%)	Spec Limits
80.00	0	0	0	100	100.00
40.00	249.6	4.99	4.99	95.01	95-100
20.00	1999.7	39.99	44.99	55.01	30-70
10.00	1841.6	36.83	81.82	18.18	10-35
4.75	805.1	16.10	97.92	2.08	0-5

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Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 15
Compressive Strength	7^{th} Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	10-Mar-22	17-Mar-22	8.143	250.43	11.13
2	10-Mar-22	17-Mar-22	8.156	249.98	11.11
3	10-Mar-22	17-Mar-22	8.135	247.50	11.00

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Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client Asst	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 15
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	10-Mar-22	7-Apr-22	8.147	378.00	16.80
2	10-Mar-22	7-Apr-22	8.145	380.48	16.91
3	10-Mar-22	7-Apr-22	8.135	380.93	16.93

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Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 15
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	10-Mar-22	7-Apr-22	8.139	378.00	16.80
2	10-Mar-22	7-Apr-22	8.172	372.83	16.57
3	10-Mar-22	7-Apr-22	8.160	381.60	16.96

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Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 15
Compressive Strength	7^{th} Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	11-Mar-22	18-Mar-22	8.161	248.18	11.03
2	11-Mar-22	18-Mar-22	8.137	248.40	11.04
3	11-Mar-22	18-Mar-22	8.137	251.55	11.18

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Test Report on Compressive Strength of Concrete Cubes

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Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 15
Compressive Strength	7th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	12-Mar-22	19-Mar-22	8.146	248.85	11.06
2	12-Mar-22	19-Mar-22	8.153	241.88	10.75
3	12-Mar-22	19-Mar-22	8.165	243.68	10.83

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Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	7^{th} Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	3-Mar-22	10-Mar-22	8.162	321.53	14.29
2	3-Mar-22	10-Mar-22	8.168	319.95	14.22
3	3-Mar-22	10-Mar-22	8.166	329.85	14.66

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Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	3-Mar-22	31-Mar-22	8.151	500.85	22.26
2	3-Mar-22	31-Mar-22	8.133	496.80	22.08
3	3-Mar-22	31-Mar-22	8.146	492.08	21.87

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Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	3-Mar-22	31-Mar-22	8.154	500.85	22.26
2	3-Mar-22	31-Mar-22	8.170	491.63	21.85
3	3-Mar-22	31-Mar-22	8.165	493.88	21.95

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Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	3-Mar-22	31-Mar-22	8.142	500.85	22.26
2	3-Mar-22	31-Mar-22	8.139	488.93	21.73
3	3-Mar-22	31-Mar-22	8.158	489.83	21.77

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Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client ASST	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	3-Mar-22	31-Mar-22	8.153	496.13	22.05
2	3-Mar-22	31-Mar-22	8.169	497.70	22.12
3	3-Mar-22	31-Mar-22	8.165	490.73	21.81

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Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	7th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	4-Mar-22	11-Mar-22	8.162	323.55	14.38
2	4-Mar-22	11-Mar-22	8.130	324.45	14.42
3	4-Mar-22	11-Mar-22	8.123	316.80	14.08

For Sapience Consultants and Engineers,

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Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
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Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
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Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	7th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	4-Mar-22	11-Mar-22	8.155	323.10	14.36
2	4-Mar-22	11-Mar-22	8.123	323.10	14.36
3	4-Mar-22	11-Mar-22	8.126	329.85	14.66

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Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
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Cross Sectional Area	22500 mm^2
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Grade of Concrete	M - 20
Compressive Strength	7th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	4-Mar-22	11-Mar-22	8.151	319.05	14.18
2	4-Mar-22	11-Mar-22	8.157	328.28	14.59
3	4-Mar-22	11-Mar-22	8.158	327.83	14.57

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Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	4-Mar-22	1-Apr-22	8.135	500.85	22.26
2	4-Mar-22	1-Apr-22	8.174	491.18	21.83
3	4-Mar-22	1-Apr-22	8.146	494.55	21.98

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Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	4-Mar-22	1-Apr-22	8.163	496.13	22.05
2	4-Mar-22	1-Apr-22	8.145	494.78	21.99
3	4-Mar-22	1-Apr-22	8.153	492.75	21.90

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Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	5-Mar-22	2-Apr-22	8.148	500.85	22.26
2	5-Mar-22	2-Apr-22	8.134	495.45	22.02
3	5-Mar-22	2-Apr-22	8.157	497.70	22.12

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Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	7th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	5-Mar-22	12-Mar-22	8.155	317.48	14.11
2	5-Mar-22	12-Mar-22	8.164	323.55	14.38
3	5-Mar-22	12-Mar-22	8.151	320.63	14.25

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Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client	Asst Executive Engineer, Yelahanka Division, BBMP, Bangalore
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	7^{th} Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	5-Mar-22	12-Mar-22	8.142	320.63	14.25
2	5-Mar-22	12-Mar-22	8.144	329.85	14.66
3	5-Mar-22	12-Mar-22	8.134	329.85	14.66

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Test Report on Compressive Strength of Concrete Cubes

Project Name	Restoration and Improvements of roads from Kaveri layout, and surrounding areas in ward no -03 of Yelahanka New town Sub division(PACKAGE NO-12)
Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	7th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	6-Mar-22	13-Mar-22	8.156	323.55	14.38
2	6-Mar-22	13-Mar-22	8.136	329.85	14.66
3	6-Mar-22	13-Mar-22	8.135	324.45	14.42

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Client	Executive Engineer, Yelahanka Division, BBMP, Bangalore
Job No.:	SCE/PMC/QCR-1/BBMP/YHK/2022-23/8 Dt. 08/04/2022
Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
Size of Cubes	150mm x 150mm x 150mm
Cross Sectional Area	22500 mm^2
Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	6-Mar-22	3-Apr-22	8.148	500.85	22.26
2	6-Mar-22	3-Apr-22	8.168	488.25	21.70
3	6-Mar-22	3-Apr-22	8.129	495.68	22.03

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Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
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Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	6-Mar-22	3-Apr-22	8.130	496.13	22.05
2	6-Mar-22	3-Apr-22	8.172	492.08	21.87
3	6-Mar-22	3-Apr-22	8.167	491.40	21.84

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Sample ID	Concrete Cube
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Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	7-Mar-22	14-Mar-22	8.145	329.63	14.65
2	7-Mar-22	14-Mar-22	8.151	326.25	14.50
3	7-Mar-22	14-Mar-22	8.163	324.45	14.42

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Client ASM	Executive Engineer, Yelahanka Division, BBMP, Bangalore.
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Contractor / Agency	Sri. Srinivas Reddy, Banglalore
Sample ID	Concrete Cube
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Test Method	IS: 269:2015
Grade of Concrete	M - 20
Compressive Strength	28th Day

Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	7-Mar-22	4-Apr-22	8.161	496.13	22.05
2	7-Mar-22	4-Apr-22	8.132	491.85	21.86
3	7-Mar-22	4-Apr-22	8.136	497.70	22.12

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Sl. No.	Date of Casting	Date of Tesing	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength (N/mm2)
1	7-Mar-22	4-Apr-22	8.129	500.85	22.26
2	7-Mar-22	4-Apr-22	8.165	500.40	22.24
3	7-Mar-22	4-Apr-22	8.169	500.85	22.26

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